



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

March 22, 2002

Commissioner For Patents  
Washington, D.C. 20231

AV 1638  
Baum

Re: U.S. Non-Provisional Utility Application No. 10/024,632  
Filed: December 19, 2001  
Title: *Nucleic Acid Molecules Associated With Plant Cell  
Proliferation And Growth And Uses Thereof*  
Inventors: HE, Steve S. *et al.*  
Atty. Docket: 38-21(51837)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. Information Disclosure Statement;
2. PTO-1449 Form (2 pages) with 15 accompanying documents;
3. (2) return postcards.

It is respectfully requested that the attached postcards be stamped with the filing  
date of these documents and returned as soon as possible.

As the accompanying Information Disclosure Statement is being filed prior to the  
first action on the merits, Applicants do not believe that any fees are due in conjunction  
with this filing. If any fees are due in conjunction with this filing the Commissioner is  
authorized to charge the fees to our Deposit Account 13-4125, referencing matter number  
38-21(51837)B.

Respectfully submitted,

Lawrence M. Lavin (Reg. No. 30,768)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steve S. He *et al.*

Appln. No.: To Be Assigned

Filed:

For: Nucleic Acid Molecules Associated With  
Plant Cell Proliferation And Growth And  
Uses Thereof

Art Unit: To be Assigned

Examiner: To Be Assigned

Atty. Docket: 38-21(51837)B

I hereby verify this Information Disclosure Statement is being deposited  
with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10  
Express Mail Label No. EK018914953US on the date indicated and is addressed to:  
U.S. Patent and Trademark Office, Arlington, VA 22202

Lawrence M. Lavin

Registration No. 30, 768

Date:

3/22/02

**Information Disclosure Statement**

Commissioner for Patents  
Washington, DC 20231

Sir:

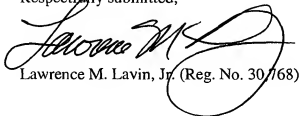
The attention of the Examiner is invited to the documents listed on the attached Form  
PTO-1449. Copies of the listed documents are attached.

It is respectfully requested that the information above be expressly considered during the  
prosecution of this application, and that the references be made of record therein and appear  
among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this Information Disclosure Statement is being submitted prior to issuance of the first action on the merits of the above-captioned application, no certification or fee is required.

Respectfully submitted,



Lawrence M. Lavin, Jr. (Reg. No. 30768)

Date: 3/22/02

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Nucleic acid molecules associated with plant cell proliferation and growth and use thereof				ATTY. DOCKET NO. 51837		APPLICATION NO. ???	
INFORMATION DISCLOSURE STATEMENT				APPLICANT Steve He and Stanton Dotson			
FILING DATE ????				GROUP To be assigned			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	US6,329,5657	12-11-2001	Methods for improving seeds	B1		2-19-1998
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AB	WO0129240	4-26-2001	PCT	A2		Yes
	AC	WO0136595	5-25-2001	PCT	A2		Yes
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AD	✓	Wilson, et al., DNA binding properties of the Arabidopsis floral development protein AINTEGUMENTA, Nucleic Acids Research 28:4076-4082, 2000				
	AE	✓	Krizek, Ectopic expression of AINTEGUMENTA in Arabidopsis plants results in increased growth of floral organs, Developmental Genetics 25:224-236, 1999				
	AF	✓	Mizukami, et al., Plant organ size control : AINTEGUMENTA regulates growth and cell numbers during organogenesis, Proceedings of the National Academy of Sciences, USA 97:942-947, 2000				
	AG	✓	Okamura, et al., The AP2 domain of APETALA2 defines a large new family of DNA binding proteins in Arabidopsis, Proceedings of the National Academy of Sciences, USA 94:7076-7081, 1997				
	AH	✓	Mian, et al., RFLP tagging of QTLs conditioning specific leaf weight and leaf size in soybean, Theor Appl Genet 96: 354-360, 1998				
	AI	✓	Klucher, et al, The AINTEGUMENTA gene of Arabidopsis required for ovule and female gametophyte development is related to the floral homeotic gene APETALA2, The Plant Cell 8:137-153, 1996				
	AJ	✓	Gu, et al., The FRUITFULL MADS-box gene mediates cell differentiation during Arabidopsis development, Development 125:1509-1517, 1998				
	AK	✓	Liu, et al., Transcription factors and their genes in higher plants, European Journal of Biochemistry 262:247-257, 1999				
	AL	✓	Long, et al., The development of apical embryonic pattern in Arabidopsis, Development 125 :3027-3035, 1998				
	AM	✓	Schneitz, et al., Pattern formation and growth during floral organogenesis : HUELLENLOS and AINTEGUMENTA are required for the formation of the proximal region of the ovule primordium in Arabidopsis thaliana, Development 125:2555-2563				
	AN	✓	Elliot, et al., AINTEGUMENTA, an APETALA2-like gene of arabidopsis with pleiotropic roles in ovule development and floral organ growth, The Plant Cell 8:155-168, 1996				
	AO	✓	Long, et al., Initiation of Axillary and Floral meristems in Arabidopsis, Developmental Biology 218 :341-353, 2000				
EXAMINER					DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re applications of:

Steve S. He *et al.*

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**Certificate of Mailing**

I hereby certify that this Information Disclosure Statement of a Nonprovisional Application, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 Label No. EK018914953US on the date indicated and is addressed to:

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

on

March 22, 2002

LAWRENCE M. LAWIN JR

(Printed name of person signing this certificate)

  
(Signature)